

**IN THE SPECIFICATION:**

On page 1, before paragraph [0001.], insert: ~~--Field of the Invention--~~.

On page 1, before paragraph [0003.]: ~~--Background--~~.

On page 2, before paragraph [0008.], insert: ~~--Summary of the Invention--~~.

On page 13, before paragraph [0048.], insert: ~~--Brief Description of the Figures--~~.

On page 14, before paragraph [0049.], insert: ~~--Detailed Description of the Invention--~~.

**IN THE CLAIMS:**

~~Cancel claims 1-32.~~

~~Add new claims 33- 64.~~

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33. (New) A method for programming an industrial controller, the method comprising the steps of:
- a) creating a flowchart, including a plurality of commands with the use of a graphical editor;
  - b) generating a textual language based on the flowchart;
  - c) converting such textual language into a processor-independent pseudo-code;
  - d) loading the processor-independent pseudo-code into the controller; and
  - e) converting the processor-independent pseudo-code into an executable processor code, whereby such commands may be executed.
34. The method according to claim 33, wherein graphical elements comprising function interfaces of corresponding subprograms are generated in flowchart notation from user-defined subprograms of the structured textual language.
35. The method according to claim 33, wherein the graphical elements comprise language elements for forming the motion control flowchart.